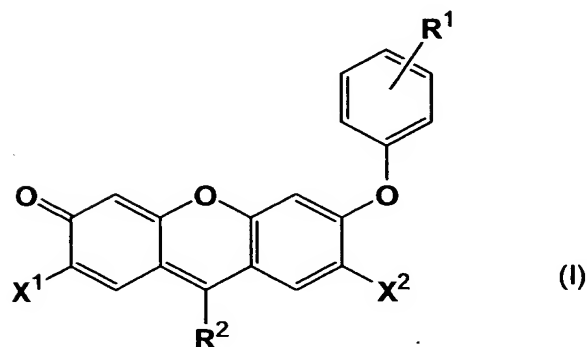


What is claimed is:

1. A reagent for measuring peroxynitrite, which comprises a compound represented by the following general formula (I) or a salt thereof:



wherein R¹ represents a substituted or unsubstituted amino group, or hydroxy group; R² represents a 2-carboxyphenyl group which may be substituted; and X¹ and X² independently represent hydrogen atom, or a halogen atom.

2. The measuring reagent according to claim 1, which is
2-[6-(4'-hydroxy)phenoxy-3H-xanthen-3-on-9-yl]benzoic acid, or
2-[6-(4'-amino)phenoxy-3H-xanthen-3-on-9-yl]benzoic acid.

3. A method for measuring peroxynitrite, which comprises the steps of:
(A) reacting a compound represented by the aforementioned general formula (I) or a salt thereof and peroxynitrite, and
(B) measuring fluorescence of a dephenylated compound or a salt thereof produced in the step (A).